

## Calibration of Ground-based Lidar instrument - DTU Orbit (08/11/2017)

### Calibration of Ground-based Lidar instrument

This report presents the result of the lidar calibration performed for the given Ground-based Lidar at DTU's test site for large wind turbines at Høvsøre, Denmark. Calibration is here understood as the establishment of a relation between the reference wind speed measurements with measurement uncertainties provided by measurement standard and corresponding lidar wind speed indications with associated measurement uncertainties. The lidar calibration concerns the 10 minute mean wind speed measurements. The comparison of the lidar measurements of the wind direction with that from wind vanes measurements are given for information only.

### General information

State: Published

Organisations: Department of Wind Energy, Test and Measurements

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Number of pages: 29

Publication date: 2015

### Publication information

Publisher: DTU Wind Energy

Original language: English

Series: DTU Wind Energy LC I

Number: 072(EN)

Main Research Area: Technical/natural sciences

DTU Wind Energy LC I-072(EN), LC-I-072, LC-I-072(EN)

### Bibliographical note

This is an internal report and therefore not available in full text. Please contact author's or director of author's department for further information.

Publication: Research › Report – Annual report year: 2015